L Number	Hits	Search Text	DB	Time stamp
21	7	multiplexer same "test input" same "normal input"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 12:43
22	236	multiplexer same "test clock" same ("clock" or "normal clock")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 12:38
23	121	multiplexer with "test input" with "input"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 12:44
24	121	multiplexer with "test input"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 12:44
25	4	(multiplexer with "test input") and (multiplexer with "test clock")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 12:47
26	9	((multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) with "test input") and (multiplexer with "test clock")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 12:48
27	37	((multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) with "test input") and ((multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) with "test clock")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 13:07
28	37	((multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) same "test input") same ((multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) same "test clock")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 13:01
29	16	(((multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) same "test input") same ((multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) same "test clock")) not (((multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) with "test input") and ((multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) with "test clock"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 13:01

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30	26	((multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) with "test input") and ((multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) with (tck or tclk))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:43
31	83	(("flip flop" or "flip flops" or flip-flop or flip-flops or latch or latches) and "test mode").ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 14:05
32	31	(("flip flop" or "flip flops" or flip-flop or flip-flops or latch or latches) same "test input" same "test clock")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 14:46
33	0	9103374.URPN.	USPAT	2003/10/17 14:19
34	41	"test mode" same ("delay test" or "delay testing" or "delay tests")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 14:20
85	190	(("flip flop" or "flip flops" or flip-flop or flip-flops or latch or latches) same ("test input" or "test data" or "test in" or tdata) same ("test clock" or tck or tclk or "test clk"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:00
86	264	jtag with "test mode"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 14:55
89	52	"scan cell" with "test mode"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 14:55
90	69	(("flip flop" or "flip flops" or flip-flop or flip-flops or latch or latches) same ("scan input") same ("scan clock"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:11
91	200	lssd.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:12
92	23	(multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) with (pad near2 test) with normal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:47
93	304	(multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) with (pad near2 test)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:48

| 94 | 76 | (US-4881027-$ or US-4746898-$ or US-6417642-$ or US-5774003-$ or US-3786276-$ or US-6622273-$ or US-6616256-$ or US-6437597-$ or US-5923676-$ or US-5553276-$ or US-5181191-$ or US-4924430-$ or US-6415402-$ or US-6404663-$ or US-6108793-$ or US-6219813-$ or US-5381453-$ or US-6434727-$ or US-6188934-$ or US-5983009-$ or US-5886901-$ or US-5875114-$ or US-5696771-$ or US-5638294-$ or US-5583787-$ or US-5355321-$).did. or (US-5173864-$ or US-6099578-$ or US-6232845-$ or US-6401233-$ or US-5943489-$ or US-4878209-$ or US-6452459-$ or US-6233205-$ or US-6144262-$ or US-5768130-$ or US-6272439-$ or US-6065145-$ or US-5452239-$ or US-5384500-$ or US-5671233-$ or US-6456737-$ or US-5821786-$ or US-6335889-$ or US-5198999-$ or US-5787310-$ or US-6489819-$ or US-6070260-$ or US-5663991-$ or US-4602210-$ or US-6189121-$ or US-6526109-$ or US-6308291-$).did. or (US-5430394-$ or US-6553524-$ or US-5889788-$ or US-5774474-$ or US-6615380-$ or US-6456961-$ or US-6393592-$).did. or (US-20020010559-$ or US-20020011865-$ or US-20020095646-$ or US-20030101397-$).did. or (JP-61016615-$ or JP-05227138-$ or JP-2001332099-$ or JP-11353873-$).did. or (US-5220212-$ or JP-2001142736-$ or JP-2001101900-$ or JP-11251978-$ or JP-03101245-$ or JP-06163691-$ or JP-10050847-$).did. or (NB9103374).tban. | USPAT; US-PGPUB; JPO; DERWENT; IBM_TDB | 2003/10/17 15:52 |

95	8	((US-4881027-$ or US-4746898-$ or US-6417642-$ or US-5774003-$ or US-3786276-$ or US-6622273-$ or US-6616256-$ or US-6437597-$ or US-5923676-$ or US-5553276-$ or US-5181191-$ or US-4924430-$ or US-6415402-$ or US-6404663-$ or US-6108793-$ or US-6219813-$ or US-5381453-$ or US-6434727-$ or US-6188934-$ or US-5983009-$ or US-5886901-$ or US-5875114-$ or US-5696771-$ or US-5638294-$ or US-5583787-$ or US-5355321-$).did. or (US-5173864-$ or US-6099578-$ or US-6232845-$ or US-6401233-$ or US-5943489-$ or US-4878209-$ or US-6452459-$ or US-6233205-$ or US-6144262-$ or US-5768130-$ or US-6272439-$ or US-6065145-$ or US-5452239-$ or US-5384500-$ or US-5671233-$ or US-6456737-$ or US-5821786-$ or US-6335889-$ or US-5198999-$ or US-5787310-$ or US-6489819-$ or US-6070260-$ or US-5663991-$ or US-4602210-$ or US-6189121-$ or US-6526109-$ or US-6308291-$).did. or (US-5430394-$ or US-6553524-$ or US-5889788-$ or US-5774474-$ or US-6615380-$ or US-6456961-$ or US-6393592-$).did. or (US-20020010559-$ or US-20020011865-$ or US-20020095646-$ or US-20030101397-$).did. or (JP-61016615-$ or JP-05227138-$ or JP-2001332099-$ or JP-11353873-$).did. or (US-5220212-$ or JP-2001142736-$ or JP-2001101900-$ or JP-11251978-$ or JP-03101245-$ or JP-06163691-$ or JP-10050847-$).did. or (NB9103374).tban.) and bypass	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 15:52
96	201	702/79.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:26
97	70	702/89.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:26
98	557	702/117.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:26
99	149	702/118.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:26
100	143	702/119.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:26
101	129	702/120.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:27

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102	94	324/532.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:27
103	155	324/534.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:27
104	210	714/731.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:27
105	591	714/733.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:27
106	314	714/734.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:27
107	686	716/6.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:27
108	375	716/17.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:27
109	29	714/726.ccls. and ((wire or wiring or wires or wired) with (delays or delay))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:28
110	42	714/724.ccls. and (delay).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:28
111	618	(702/79.ccls. 702/89.ccls. 702/117.ccls. 702/118.ccls. 702/119.ccls. 702/120.ccls. 324/532.ccls. 324/534.ccls. 714/731.ccls. 714/733.ccls. 714/734.ccls. 716/6.ccls. 716/17.ccls. (714/726.ccls. and ((wire or wiring or wires or wired) with (delays or delay))) (714/724.ccls. and (delay).ti.)) and @pd>=20021129	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:29
-	1	09/839,671	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 12:34
-	142	(katsuaki and matsui).in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/27 15:23
-	1677	"test clock"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/27 15:08

-	393	"test clock" and (pad or pads)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/27 15:09
-	103	"test clock" and (pad or pads) and ((delay or delays) with (measure or measures or measuring or measured or measurement or measurements or determine or determined or determines or determining or determination or determinations or calculate or calculates or calculating or calculated or calculations or calculation))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/27 15:13
-	10	"test clock" and (pad or pads) and ((delay or delays) with (measure or measures or measuring or measured or measurement or measurements or determine or determined or determines or determining or determination or determinations or calculate or calculates or calculating or calculated or calculations or calculation) with (path or paths or wiring or wirings))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/27 15:14
-	13	("test mode" or "test-mode") same ("path delay" or "path delays")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/27 15:34
-	4	("functional test" or "functional tests") with ("macro cell" or "macro cells")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/27 15:35
-	1240	"macro cell"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 06:33
-	97	"macro cell" and (input or inputs) and (output or outputs) and (clock or clocks or clk) and (pad or pads)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 06:34
-	62	"macro cell" and (input or inputs) and (output or outputs) and (clock or clocks or clk) and (pad or pads) and (test or tests or testing or tested or tester or testers)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 06:34
-	21	((test or tests or testing or tested or tester or testers) same "macro cell") and (input or inputs) and (output or outputs) and (clock or clocks or clk) and (pad or pads)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 06:39
-	20	(test or tests or testing or tested or tester or testers).ti. and (input or inputs) and (output or outputs) and (clock or clocks or clk) and (pad or pads) and ((delay or delays) with (measure or measures or measuring or measured or measurement or measurements or determine or determined or determines or determining or determination or determinations or calculate or calculates or calculating or calculated or calculations or calculation) with (path or paths or wiring or wirings))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 06:47

–	200	("functional test" or "functional tests").ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 06:56
–	15	("functional test" or "functional tests").ti. and delay	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 06:56
–	1	2002-328400.NRAN.	DERWENT	2002/11/29 11:47
–	2617	714/724.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 10:22
–	481	716/6.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 10:53
–	3	716/6.ccls. and "test clock"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 07:15
–	15	5583787.URPN.	USPAT	2002/11/29 07:14
–	8	("4063080" | "4672307" | "4763289" | "5056094" | "5206861" | "5365528" | "5383194" | "5422891").PN.	USPAT	2002/11/29 07:14
–	56	delay with "macro cell"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 07:16
–	17	(US-5923676-$ or US-4924430-$ or US-6437597-$ or US-6404663-$ or US-6415402-$ or US-5181191-$ or US-6219813-$ or US-6108793-$ or US-5381453-$ or US-5583787-$ or US-6434727-$).did. or (US-20020010559-$).did. or (JP-2001332099-$).did. or (JP-2001142736-$ or JP-2001101900-$ or JP-03101245-$ or JP-11251978-$).did.	USPAT; US-PGPUB; JPO; DERWENT	2002/11/29 07:22
–	7	716/6.ccls. and "test mode"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 07:23
–	125	"path delay".ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 07:32
–	299	("macro cell" or "macro cells").ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 07:33

-	20	(US-5923676-$ or US-4924430-$ or US-6437597-$ or US-6404663-$ or US-6415402-$ or US-5181191-$ or US-6219813-$ or US-6108793-$ or US-5381453-$ or US-5583787-$ or US-6434727-$ or US-6188934-$ or US-5983009-$ or US-5696771-$).did. or (US-20020010559-$).did. or (JP-2001332099-$).did. or (JP-2001142736-$ or JP-2001101900-$ or JP-03101245-$ or JP-11251978-$).did.	USPAT; US-PGPUB; JPO; DERWENT	2002/11/29 07:35
-	1	((US-5923676-$ or US-4924430-$ or US-6437597-$ or US-6404663-$ or US-6415402-$ or US-5181191-$ or US-6219813-$ or US-6108793-$ or US-5381453-$ or US-5583787-$ or US-6434727-$ or US-6188934-$ or US-5983009-$ or US-5696771-$).did. or (US-20020010559-$).did. or (JP-2001332099-$).did. or (JP-2001142736-$ or JP-2001101900-$ or JP-03101245-$ or JP-11251978-$).did.) and "dummy latch"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 07:35
-	13	((US-5923676-$ or US-4924430-$ or US-6437597-$ or US-6404663-$ or US-6415402-$ or US-5181191-$ or US-6219813-$ or US-6108793-$ or US-5381453-$ or US-5583787-$ or US-6434727-$ or US-6188934-$ or US-5983009-$ or US-5696771-$).did. or (US-20020010559-$).did. or (JP-2001332099-$).did. or (JP-2001142736-$ or JP-2001101900-$ or JP-03101245-$ or JP-11251978-$).did.) and "latch"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 07:36
-	3	((US-5923676-$ or US-4924430-$ or US-6437597-$ or US-6404663-$ or US-6415402-$ or US-5181191-$ or US-6219813-$ or US-6108793-$ or US-5381453-$ or US-5583787-$ or US-6434727-$ or US-6188934-$ or US-5983009-$ or US-5696771-$).did. or (US-20020010559-$).did. or (JP-2001332099-$).did. or (JP-2001142736-$ or JP-2001101900-$ or JP-03101245-$ or JP-11251978-$).did.) and "latch" and macro	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 07:38
-	30398	macro	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 07:38
-	3397	macro.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 07:38
-	16	(macro and dram).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 07:38
-	23	(macro and delay).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 07:39

-	368	((ram or rom or dram or drom or macro) and delay).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 07:40
-	596	((test or tests or testing or tested or tester or testers) and ("memory cell" or "memory cells")).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 08:01
-	3	((test or tests or testing or tested or tester or testers) and ("memory cell" or "memory cells") and delay).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 08:02
-	15	((test or tests or testing or tested or tester or testers) and ("memory cell" or "memory cells")).ti. and (delay.ab.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 08:05
-	2	("6232845").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 08:06
-	2	("5696771").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 08:09
-	217	"wiring delay time"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 08:17
-	712	((delay or delays) with (measure or measures or measuring or measured or measurement or measurements or determine or determined or determines or determining or determination or determinations or calculate or calculates or calculating or calculated or calculations or calculation) with (wiring or wirings))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 08:18
-	182	(("wiring delay") with (measure or measures or measuring or measured or measurement or measurements or determine or determined or determines or determining or determination or determinations or calculate or calculates or calculating or calculated or calculations or calculation))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 08:31
-	19	5696771.URPN.	USPAT	2002/11/29 08:21
-	2	("5696771").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 08:40
-	1677	"test clock"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 08:40
-	466	702/117.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 08:48

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-	87	("wiring delay").ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 08:48
-	6	("5367469" | "5461576" | "5553001" | "5553008" | "5619418" | "5633807").PN.	USPAT	2002/11/29 09:07
-	12	5845233.URPN.	USPAT	2002/11/29 09:07
-	29	4878209.URPN.	USPAT	2002/11/29 09:38
-	13	("3961251" | "3961252" | "3961254" | "4058767" | "4225957" | "4332028" | "4461000" | "4481627" | "4482953" | "4503387" | "4510603" | "4513418" | "4608669").PN.	USPAT	2002/11/29 09:39
-	111	702/118.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 09:46
-	2	(delay and macrocell).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 09:46
-	73909	oki.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 09:51
-	20	oki.asn. and (macrocell or macro-cell or "macro cell")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 09:52
-	105	702/119.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 09:56
-	89	702/120.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 09:58
-	174	702/79.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 10:02
-	53	702/89.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 10:02
-	88	324/532.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 10:18
-	140	324/534.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 10:20
-	41	714/724.ccls. and (delay).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:28

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-	289	716/17.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 10:27
-	11	(("6347057") or ("5699316") or ("5297105") or ("5452260") or ("5768210") or ("6320799")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 10:54
-	10	"functional test circuit"	DERWENT	2002/11/29 12:49
-	536	macrocell or "macro cell" or macro-cell	DERWENT	2002/11/29 11:52
-	33	(macrocell or "macro cell" or macro-cell) and (multiplexer or multiplexor or multiplexors or multiplexers or mux or muxes or muxs)	DERWENT	2002/11/29 12:43
-	1	1995-074723.NRAN.	DERWENT	2002/11/29 11:56
-	2	("5384500").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 12:43
-	7	(multiplexer or multiplexor or multiplexors or multiplexers or mux or muxes or muxs) with "test clock"	DERWENT	2002/11/29 12:46
-	1902	(multiplexer or multiplexor or multiplexors or multiplexers or mux or muxes or muxs) with "clock"	DERWENT	2002/11/29 12:47
-	294	(equal or "same") with (delay or delays) with (path or paths or wiring or wirings)	DERWENT	2002/11/29 12:48
-	50	"functional test circuit"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/11/29 12:49
-	51	"functional test circuit"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 12:49
-	51	"functional test circuit"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 13:55
-	14	(("6301547") or ("4864512") or ("5532944") or ("5239378") or ("4860009") or ("5854996") or ("5150313")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 13:56
-	1008	"wiring delay"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/01 15:10
-	4	"wiring delay" and "test clock"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/01 15:11
-	0	"wiring time delay" and "test clock"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/01 15:12

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-	35	(delay near4 (wiring or wire or wires or wired)) and "test clock"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/01 15:15
-	375	(delay near4 (wiring or wire or wires or wired)) near3 (measure or measures or measuring or measured or measurement or measurements or determine or determined or determines or determining or determination or determinations or calculate or calculates or calculating or calculated or calculations or calculation)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/01 15:24
-	4	((delay near4 (wiring or wire or wires or wired)) near3 (measure or measures or measuring or measured or measurement or measurements or determine or determined or determines or determining or determination or determinations or calculate or calculates or calculating or calculated or calculations or calculation)) and "test clock"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/01 15:17
-	0	"access delay" with "wiring delay"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/01 15:33
-	12	((delay near4 (wiring or wire or wires or wired)) near3 (measure or measures or measuring or measured or measurement or measurements or determine or determined or determines or determining or determination or determinations or calculate or calculates or calculating or calculated or calculations or calculation)) and (macrocell or "macro cell" or macro-cell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/01 15:33
-	40	(US-6434727-$ or US-6188934-$ or US-5983009-$ or US-5886901-$ or US-5696771-$ or US-5583787-$ or US-5355321-$ or US-4924430-$ or US-5173864-$ or US-5381453-$ or US-6437597-$ or US-6108793-$ or US-6404663-$ or US-5923676-$ or US-6415402-$ or US-6219813-$ or US-5181191-$ or US-6232845-$ or US-6401233-$ or US-4878209-$ or US-6144262-$ or US-6233205-$ or US-5768130-$ or US-6272439-$ or US-6065145-$ or US-5384500-$).did. or (US-6456737-$ or US-5821786-$ or US-5553276-$ or US-5452239-$ or US-6099578-$ or US-5875114-$).did. or (US-20020010559-$ or US-20020095646-$).did. or (JP-2001332099-$).did. or (JP-03101245-$ or JP-2001142736-$ or JP-11251978-$ or JP-2001101900-$ or JP-10050847-$).did.	USPAT; US-PGPUB; JPO; DERWENT	2002/12/01 15:49

-	22	((US-6434727-$ or US-6188934-$ or US-5983009-$ or US-5886901-$ or US-5696771-$ or US-5583787-$ or US-5355321-$ or US-4924430-$ or US-5173864-$ or US-5381453-$ or US-6437597-$ or US-6108793-$ or US-6404663-$ or US-5923676-$ or US-6415402-$ or US-6219813-$ or US-5181191-$ or US-6232845-$ or US-6401233-$ or US-4878209-$ or US-6144262-$ or US-6233205-$ or US-5768130-$ or US-6272439-$ or US-6065145-$ or US-5384500-$).did. or (US-6456737-$ or US-5821786-$ or US-5553276-$ or US-5452239-$ or US-6099578-$ or US-5875114-$).did. or (US-20020010559-$ or US-20020095646-$).did. or (JP-2001332099-$).did. or (JP-03101245-$ or JP-2001142736-$ or JP-11251978-$ or JP-2001101900-$ or JP-10050847-$).did.) and mode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/01 16:04
-	6	((US-6434727-$ or US-6188934-$ or US-5983009-$ or US-5886901-$ or US-5696771-$ or US-5583787-$ or US-5355321-$ or US-4924430-$ or US-5173864-$ or US-5381453-$ or US-6437597-$ or US-6108793-$ or US-6404663-$ or US-5923676-$ or US-6415402-$ or US-6219813-$ or US-5181191-$ or US-6232845-$ or US-6401233-$ or US-4878209-$ or US-6144262-$ or US-6233205-$ or US-5768130-$ or US-6272439-$ or US-6065145-$ or US-5384500-$).did. or (US-6456737-$ or US-5821786-$ or US-5553276-$ or US-5452239-$ or US-6099578-$ or US-5875114-$).did. or (US-20020010559-$ or US-20020095646-$).did. or (JP-2001332099-$).did. or (JP-03101245-$ or JP-2001142736-$ or JP-11251978-$ or JP-2001101900-$ or JP-10050847-$).did.) and "mode signal"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/01 16:04
-	1012	"wiring delay"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/12 13:43
-	342	"wiring delay" and cell	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/12 13:44
-	132	"wiring delay" same cell	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/12 13:44
-	1	1994-228487.NRAN.	DERWENT	2002/12/12 15:42
-	2866	"test clock" or tck or tclk	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 13:08
-	4	("test clock" or tck or tclk) same "wiring delay"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 13:09

-	512	("test clock" or tck or tclk) same delay	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 13:55
-	200	("test clock") same delay	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 13:33
-	29	("test clock") same delay with (equal or equals or "same")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 13:47
-	42	"dummy latch"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 16:05
-	2	("5,278,842").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 16:05
-	842	714/726.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 16:36
-	191	714/731.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 16:37
-	511	714/733.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 16:37
-	295	714/734.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 16:38
-	26	714/726.ccls. and ((wire or wiring or wires or wired) with (delays or delay))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 16:27
-	7	714/733.ccls. and ((wire or wiring or wires or wired) with (delays or delay))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 16:37
-	7	714/731.ccls. and ((wire or wiring or wires or wired) with (delays or delay))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 16:37
-	7	714/733.ccls. and ((wire or wiring or wires or wired) with (delays or delay))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 16:37
-	8	714/734.ccls. and ((wire or wiring or wires or wired) with (delays or delay))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 16:38

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-	8	(("5696771") or ("6144262") or ("5875114") or ("6233205")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/16 06:19
-	54	(US-5381453-$ or US-6434727-$ or US-6188934-$ or US-5983009-$ or US-5886901-$ or US-5875114-$ or US-5638294-$ or US-5696771-$ or US-5583787-$ or US-5355321-$ or US-5173864-$ or US-6099578-$ or US-5768130-$ or US-6065145-$ or US-5452239-$ or US-5384500-$ or US-6232845-$ or US-6401233-$ or US-5943489-$ or US-4878209-$ or US-6070260-$ or US-6452459-$ or US-6233205-$ or US-6144262-$ or US-6437597-$ or US-5923676-$).did. or (US-5553276-$ or US-4924430-$ or US-5181191-$ or US-6415402-$ or US-6404663-$ or US-6219813-$ or US-6108793-$ or US-6272439-$ or US-6456737-$ or US-5821786-$ or US-5671233-$ or US-6335889-$ or US-5787310-$ or US-5198999-$ or US-6489819-$ or US-5663991-$ or US-6189121-$).did. or (US-20020095646-$ or US-20020011865-$ or US-20020010559-$).did. or (JP-2001332099-$ or JP-11353873-$).did. or (JP-11251978-$ or JP-03101245-$ or JP-06163691-$ or JP-2001142736-$ or JP-2001101900-$ or JP-10050847-$).did.	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:09
-	5347	(delay or delays) with (data) with (output or outputs) with clock	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:10
-	944	(delay or delays) with between with (data) with (output or outputs) with clock	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:10
-	391	(delay or delays) with between with ("data output" or "data out" or Q) with clock	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:15
-	99	((delay or delays) with between with ("data output" or "data out" or Q) with clock) same ("flip flop" or flip-flop)	USPAT; US-PGPUB; JPO; DERWENT	2003/10/10 16:26
-	0	"no q to clock delay"	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:30
-	0	"no clock to delay"	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:30
-	0	"no clock to q delay"	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:30
-	0	"no clock-q delay"	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:30
-	0	"no q-clock delay"	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:30

-	0	"delay between clock and Q"	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:30
-	0	"q to clock delay"	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:30
-	0	"clock to delay"	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:30
-	0	"clock to q delay"	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:30
-	0	"clock-q delay"	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:30
-	0	"q-clock delay"	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:32
-	18	((("6320799") or ("6347057") or ("5768210") or ("5699316") or ("5625315") or ("5502415") or ("5452260") or ("5297105") or ("5363331") or ("4950031")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/03 11:33
-	960	("flip flop" or flip-flop) same (("same" or indentical or equal) near2 (delay or delays))	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 12:35
-	1689	("flip flop" or flip-flop or latch or latches) same (("same" or indentical or equal) near2 (delay or delays))	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 12:35
-	31	("flip flop" or flip-flop or latch or latches) same (("same" or indentical or equal) near2 (delay or delays)) with (clock) with (q or "data out")	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 12:36
-	31	("flip flop" or flip-flop or latch or latches) same (("same" or indentical or equal) near2 (delay or delays)) with (clock) with (q or "data out" or dq)	USPAT; US-PGPUB; JPO; DERWENT	2003/10/10 17:38
-	137	((time) with between with ("data output" or "data out" or Q) with clock) same ("flip flop" or flip-flop)	USPAT; US-PGPUB; JPO; DERWENT	2003/10/10 16:31
-	6	(delay or time or timing) adj (between or from) adj (clock or clk or ck or tck or tclk) adj (q or output)	USPAT; US-PGPUB; JPO; DERWENT	2003/10/10 16:34
-	20	(delay or time or timing) adj (between or from) adj (clock or clk or ck or tck or tclk) adj2 (q or output)	USPAT; US-PGPUB; JPO; DERWENT	2003/10/10 17:11
-	2	("20020010559").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 17:13
-	146	(MATSUI and KATSUAKI).in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 17:38
-	41	("flip flop" or flip-flop or latch or latches) same (multiplexer or multiplexers) same "test input"	USPAT; US-PGPUB; JPO; DERWENT	2003/10/10 18:02

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-	2	("5,696,771").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 17:57
-	4	(("6,144,262") or ("5,875,114")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 17:57
-	336	("flip flop" or flip-flop or latch or latches) same (multiplexer or multiplexers) same "test mode"	USPAT; US-PGPUB; JPO; DERWENT	2003/10/10 18:04
-	2	("4602210").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 18:04

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